

# Subcommittee on Spatial Water Data

## Meeting Details:

**Date/Time:** July 26, 2019 1:00 - 2:00 PM Eastern Time

**Location:** Teleconference only (administered from USGS Headquarters, 12201 Sunrise Valley Drive, Reston, VA 20192)

PLEASE USE THIS LINK, THEN FOLLOW INSTRUCTIONS TO JOIN *EITHER* BY PHONE OR  
COMPUTER AUDIO : <https://zoom.us/j/7055398097>

If **ONLY** dialing in by telephone:

**Dial:** 1-669-900-6833 or 1-646-558-8665

**Meeting ID:** 705 539 8097

**PLEASE FIRST CLICK THE LINK ABOVE TO JOIN THE CALL, THEN FOLLOW INSTRUCTIONS AND ENTER YOUR ATTENDEE ID WHEN PROMPTED IF DIALING IN BY PHONE. IGNORE THE WARNING THAT YOU MUST USE COMPUTER AUDIO TO BE HEARD. EITHER PHONE OR COMPUTER AUDIO SHOULD WORK.**

NOTE: THIS WEB MEETING WILL BE RECORDED TO AID IN NOTE TAKING. THE NOTES ARE THE OFFICIAL MEETING RECORD.

## Agenda

All Times Eastern Time Zone

1:00 - 1:05 Introductions for new attendees

1:05 - 1:15 Status of ACWI - Kris McSwain

1:15 - 1:20 NHD SIG at Esri UC

1:20 - 1:30 NSF Workshop on Conceptualizing a Geospatial Software Institute

1:30 - 1:50 OGC Meeting Wrapup, ELFIE/SELFIE Status

1:50 - 1:55 Open Discussion and Announcements

1:55 - 2:00 Adjourn

## Attendees

### New Attendees

### Returning Attendees

Al Rea ([ahrea@usgs.gov](mailto:ahrea@usgs.gov))

Jane Schafer-Kramer ([jane.schafer-kramer@water.ca.gov](mailto:jane.schafer-kramer@water.ca.gov))

Tara Manno ([tara.manno@mass.gov](mailto:tara.manno@mass.gov))

Kris McSwain-ACWI Exec Sec ([kmcswain@usgs.gov](mailto:kmcswain@usgs.gov))

Mark Sondheim ([mark.sondheim@canada.ca](mailto:mark.sondheim@canada.ca))

Greg Cocks ([gcocks@usgs.gov](mailto:gcocks@usgs.gov))

Rob Dollison ([rdollison@usgs.gov](mailto:rdollison@usgs.gov))

Tad Slaweki ([tad@limno.com](mailto:tad@limno.com))

Kevin McNinch ([klmcninch@usgs.gov](mailto:klmcninch@usgs.gov))

Sue Buto ([sbuto@usgs.gov](mailto:sbuto@usgs.gov))

Terra Haxton ([haxton.terra@epa.gov](mailto:haxton.terra@epa.gov))

Shelly Thawley([thawley.michelle@epa.gov](mailto:thawley.michelle@epa.gov))

Roland Viger ([rviger@usgs.gov](mailto:rviger@usgs.gov))

Steven Nechero [steven.nechero@usda.gov](mailto:steven.nechero@usda.gov)

Becci Anderson ([rdanderson@usgs.gov](mailto:rdanderson@usgs.gov))

## 1:05 - 1:15 Status of ACWI - Kris McSwain

New permanent ACWI Executive Secretary (formerly was Wendy Norton). In Raleigh, NC.

ACWI Status - no ACWI members

- Executive order to reduce FACAs by 1/3.
- USGS has 5 FACAs
- DOI has 105 - must reduce by about 35.
- Decision by Sec. Bernhardt very soon
- For now, assume ACWI will continue -- it's the only FACA that deals with water information
- Work Group meetings - need to send Kris an email, and she must attend those meetings
  - Meetings shown at <https://acwi.gov/upcom.html>

## 1:15 - 1:20 NHD SIG at Esri UC

Jane Shafer-Kramer hosted a Special Interest Group meeting at the ESRI UC. NHD Stewardship, hosted as CA Steward. About 30 people attended. Conversation with Esri ArcGIS Pro staff. Support for Geometric Network missing in Pro. Important to these users. Esri is adding similar functionality in Pro. Beta around end of calendar year. Will have most functionality hydro users use. Utility Network in Pro is different from current hydro uses; not appropriate for these uses. Mostly requirements gathering for Esri. Final discussions on lidar-derived hydrography. Not enough time for in-depth discussions.

Also, Sunday hydro meeting. Tim Petty, DOI, talked about "Water Subcabinet" (or maybe "Water Policy Subcommittee") - expected to be announced soon.

## 1:20 - 1:30 NSF Workshop on Conceptualizing a Geospatial Software Institute

The NSF workshop on "**Conceptualizing a Geospatial Software Institute**" - third in a series, focused on governance and a strategic plan - took place in Annapolis 7/14 - 7/16. Tad Slawewski's take: The GSI would have many roles, including ongoing assessment of needs, capabilities/services, and new technologies; coordination of research and development of new tools for enabling cutting-edge science drivers; and contributing to the training, education, and development of the geospatial software workforce. Federal practitioner and researcher input from groups like SSWD would be valued. This input might include:

- Assistance in crafting a few paragraphs for the GSI Strategic Plan to be submitted to NSF that outline the Federal resources of interest and approaches to accessing their perspectives on needs, capabilities/services, and technologies (by late August);
- Providing letters of collaboration to accompany a GSI proposal to NSF (should the Strategic Plan be sufficiently compelling) (sometime in 2020); and
- Supporting the GSI's activities, once funded, by ensuring that appropriate resource allocations are made to fulfill the proposed collaboration commitments.

Workshop info: <https://gsi.cigi.illinois.edu/workshop3/>

List of registered participants:

<https://seadmin.sesync.org/se-admin/resources/ev/R51OC7GTHKJOXXX>

Emphasis on Jupyter Notebooks. Some discussion of commercial software participation. Possible ideas of licensing to allow reproducibility tests.

## 1:30 - 1:50 OGC Meeting Wrapup, ELFIE/SELFIE Status

Jim Kreft and Dave Blodgett- Wrap up on OGC meetings and other collaborations, status of ELFIE/SELFIE

- Report out at next meeting
- SELFIE code repository: <https://github.com/opengeospatial/SELFIE/>

## 1:50 - 1:55 Open Discussion and Announcements

### **Federal Data Strategy team releases Playbook on Data Governance**

The Federal Data Strategy team has released The Data Governance Playbook to help agencies get started with prioritizing data governance and assessing maturity. This playbook outlines two “plays” to help agencies improve their organizational leadership for leveraging data as an asset and to respond to the requirements of the Evidence Act. Each play includes activities designed to build data infrastructure through data governance bodies and maturity assessments, providing the foundation for a

data-driven culture that embraces the *Mission Statement, Principles, and Practices* of the Federal Data Strategy.

Read the Playbook [here](#).

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### **OMB releases guidance on Foundations for Evidence-Based Policymaking Act**

The Foundations for Evidence-Based Policymaking Act of 2018 emphasizes collaboration and coordination to advance data and evidence-building functions in the Federal Government. The Evidence Act mandates Federal evidence-building activities, open government data, and confidential information protection and statistical efficiency. OMB has now released guidance for agencies which provides key requirements for the initial phase of the implementation of the law.

Read the guidance [here](#).

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### **OMB requests input on data and models for Artificial Intelligence research and development**

The Federal Data Strategy Draft Year-1 Action Plan included an Action Step to improve the data and computing resources for Artificial Intelligence R&D. OMB has now published a Request for Information to invite the public to identify needs for greater access and improved quality regarding data and models related to R&D on artificial intelligence.

Comment [here](#).

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1:55 - 2:00 Adjourn

Next Meeting August 23

